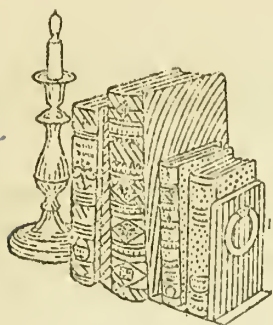


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NEW BOOKS

AMERICAN SOCIETY OF AGRONOMY. Advances in Agronomy, Vol. 4. 416 p. N. Y., Academic Press, 1952. 30 Ad9 v.4

Contents: Grassland agronomy in Australia; Type of soil colloid and the mineral nutrition of plants; The physiological basis of variation in yield; Copper in nutrition; Ecological and physiological factors in compounding forage seed mixtures; Soil manganese in relation to plant growth; Atomic energy and the plant sciences; Vegetation control on industrial lands; Soil and the growth of forests.

BAILEY, STANLEY FULLER & SMITH, LESLIE M. Handbook of Agricultural Pest Control. 191 p. N. Y., Industry Publications, 1951. 464.4 B15

Within little more than a decade, more new insecticides, fungicides, weed-killers and fumigants have become available to the agriculturist, forester and householder than in all previous time combined, and their use has become much more general. The chemical defoliation of crops such as cotton prior to picking has been widely adopted. Plant growth regulators are being employed in horticulture both to hasten and retard natural processes. All of these raise questions, such as how much to use, how best to apply, what precautions to take, what safety measures to follow, what coverage to expect, and many others. This little, up-to-date handbook attempts to answer, in concise form, as many of these questions as possible.

Dr. W. W. Wagener, BPI

CASEY, JAMES P. Pulp and Paper: chemistry and chemical technology. Vol. I - Pulping and Papermaking. 795 p. N. Y., Interscience Pub., 1952. 302 C26

This first volume of a two volume work is concerned primarily with subjects relating to the chemistry of papermaking. (The second volume concerns engineering.) It approaches the study of the raw materials and processes from the standpoint of the colloid and physical chemist.

LIPSCOMB, A. W. G. Breeding and Management of Live Stock (Cattle, Horses and Pigs) 4th ed. 409 p. Christchurch, N. Z., Whitcomb & Tombs, (1946?) 40 L66 Ed.4

"Successful stock-breeders have always found that to breed the best animals they must breed only from the best. In this book the author has described the ideals of breeding and management of farm live stock under Australian and New Zealand conditions".

NORTH AMERICAN WILDLIFE CONFERENCE. Transactions ... seventeenth, March 17, 18 and 19, 1952. Municipal Auditorium, Miami, Florida. Washington, D. C., Wildlife Management Institute, 1952. 412.9 N814

Contents: Shortcomings in the conservation program; Presenting a natural resources policy; Waterfowl - A human problem; Disease, nutrition and control problems; Inland fisheries and fresh-water resources; Small-game resources; Marine and wet-land resources; fur and big game resources; Effective public relations.

SEED WORLD PUBLICATIONS. Seed Trade Buyers Guide, 1953. 288 p. Chicago, Ill., 1953. 62 Ss3

Besides being a buyers guide, this volume contains a directory of seedsmen's associations, a register of trade names of seeds and equipment, state and federal seed laws, and a list of common and noxious weeds.

SMITH, T. LYNN. The Sociology of Rural Life; rev. ed. 634 p. N. Y., Harpers, 1947. 281.2 Sm6

"The sociology of rural life is a study of the rural population, rural social organization, and the social processes operative in rural society. To the treatment of this task the author brings a vigorous new approach that has grown out of the experience of extensive research and wide travel. He attempts to correct some current misconceptions about rural living; he elaborates aspects of the subject hitherto given scanty attention; and he utilizes a large number of well-selected illustrations, maps and diagrams, that serve to clarify such fundamental factors as settlement patterns, land division, land tenure, and the size of agricultural holdings. His interpretation of rural social relationships in terms of such sociological processes as competition, conflict, cooperation, accommodation, assimilation, acculturation and social mobility, is carried out with both scientific insight and practical realism ..."

Editor's Introduction

STATEN, H. W. Grasses and Grassland Farming; introd. by Louis Bromfield. 319 p. N. Y., Devin-Adair Co., 1952. 60.1 St22

"...Grasses and Grassland Farming shows precisely how half the U. S. can produce year-round green pastures ... how the grazing season in the other half can be increased by two to four months... how the individual farmer, by realizing what grasses and legumes he actually has, can greatly develop them and so increase his livestock profits tremendously ... how the farmer can start new grasses adapted to his soil and climate and realize new milk and beef income ... how, in many sound ways, any farmer can obtain maximum production per acre and at the same time conserve the stand of grass and the richness of the soil".

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STELMAN, L. W. A Few Acres and Security: your complete guide to independence with little capital and lots of contentment. 332 p. N. Y., Greenberg Pub. 1951. 313 St3

"This is a practical book by a practical farmer. It has been written expressly for the family that wants to leave the metropolitan area for life in the country. If you have little capital, but yearn for security and the contentment of rural living, A Few Acres and Security will help you forget the troubled times of the Atomic Age".

U. S. DEPT. OF AGR. PRODUCTION & MARKETING ADMIN. Manual for Testing Agricultural and Vegetable Seeds. 440 p. Washington, Govt. Print. Off., 1952. (USDA Agriculture Handbook No. 30) 1 Ag84Ah No. 30

WEIS, G. Stock Raising in the Northwest, 1884. "Notes Recueillies sur les Elevages d'Animaux dans les Etats de l'Ouest de l'Amerique du Nord". 24 p. Evanston, Ill., Branding Iron Press, 1951. 286.343 W43

G. Weis was a Frenchman who immigrated to America after the war with Prussia. In 1881 he purchased a ranch on the Musselshell in Montana and a herd of 850 cattle. In the early 80's the historian Bancroft, then assembling material for his history of Montana persuaded Weis to write a description of his ranching business. Weis acquiesced, and the result was a twenty-four page handwritten manuscript - in French. This small volume is a translation of the manuscript in its entirety.

SELECTED PAMPHLETS

FARM BUILDINGS

Farm housing and construction. 34 p. Washington, BAE, 1952. 1.941 A2F22S
Housing needs and preferences of farm families - comparison of data from studies in four regions. 63 p. 1952. (USDA Agr. Information Bul. No. 96) 1 Ag84Ab
Your farmhouse ... cut-outs to help in planning. 55 p. (USDA Home & Garden Bul. No. 22) 1 Ag84Hg No. 22

FORAGE CROPS

Control of weedy annual grasses in perennial grasses grown for seed: a progress report. 5 p. 1952. (Oreg. Agr. Expt. Sta. Cir. No. 514) 100 Or3C No. 514
Economic study of improved pastures. 35 p. 1952. (Oreg. Agr. Expt. Sta. Bul. No. 520) 100 Or3(b) No. 520
Improved management of irrigated pastures pays dividends. 8 p. 1952. (USDA PA-205) 1 Ag84Pro No. 205
Mosquito problem on Southern Arizona ranges. 70 p. 1952. (USDA Cir. No. 908) 1 Ag84C No. 908
Recommendations for range reseeding in Utah. n.p. 1951. (Utah. Agr. Col. Ext. Div. Bul. No. 212) 275.29 Ut1
Range investigations, Bighorn National Forest, Wyoming. 24 p. 1952. (Rocky Mt. Forest & Range Expt. Sta. Station Paper No. 10) 1.9622 R2St2 No.10
Reseeding to increase the yield of Montana range lands. 26 p. 1952. (USDA Farmers' Bul. No. 1924 rev.) 1 Ag84F No. 1924
Yields and botanical composition of four grass-legume mixtures under differential cutting. 53 p. 1952. (USDA Tech. Bul. No. 1063) 1 Ag84Tc No. 1063

FRUITS & NUTS

- Agricot culture in California. 1952. (Calif. Agr. Expt. Sta. Cir. No. 412)
100 C12S(c) No. 412
- Cost of producing filberts in the Willamette Valley, Oreg. 47 p. 1952. (Oreg. Agr. Expt. Sta. Bul. No. 517) 100 Or3(b) No. 517
- Cost of producing walnuts in Oregon. 47 p. 1952. (Oreg. Agr. Expt. Sta. Bul. No. 518) 100 Or3(b) No. 518
- Home fruit garden in the Pacific coast states and Arizona. 8 p. 1952. (USDA Leaflet No. 224) 1 Ag84L No. 224
- Peach varieties. 7 p. 1952. (Calif. Agr. Expt. Sta. Cir. No. 406) 100 C12S(c) No. 406
- Protecting citrus groves from frost: costs and benefits to growers. 61 p. 1952. (Calif. Agr. Expt. Sta. Bul. No. 730) 100 C12S(b) No. 730
- Use of ethylene in harvesting the Persian walnut (*Juglans regia*) in California. 80 p. 1950. (USDA Tech. Bul. No. 996)
- Walnut harvesting: methods, equipment and costs. 24 p. 1952. (Calif. Agr. Expt. Sta. Cir. No. 416) 100 C12S(c) No. 416

GEOLOGY & MINERALOGY

- Geology of the Sebastopol quadrangle, Calif. 33 p. 1952. (Calif. Div. Mines. Bul. No. 162) 294.9 C12B No. 162
- Gypsum in California. 151 p. 1952. (Calif. Div. Mines. Bul. No. 163) 294.9 C12B No. 163
- Legal guide for California prospectors and miners. 78 p. 1952. (Calif. Div. Mines)

HOME MANAGEMENT

- Better buymanship - Meat, fish, poultry and eggs. 32 p. Household Finance Co., 1951. 321.8 H814
- Dry beans, peas, lentils ... modern cookery. 24 p. 1952. (USDA Leaflet No. 326) 1 Ag84L No. 326
- Home curing of meats and fish. 10 p. 1952. (Oreg. Agr. Col. Ext. Serv. No. 731) 275.29 Or32B No. 731
- Home processing of fruit & vegetable juices. 23 p. 1952. (Oreg. Agr. Expt. Sta. Bul. No. 515) 100 Or3(b) No. 515
- Leather shoes: selection and care. 16 p. 1952. (USDA Farmers' bul. No. 1523 rev. 1 Ag84F No. 1523)
- Money management: your home furnishings dollar. 36 p. Household finance co., 1952.
- Money management: the shelter dollar. 24 p. Household finance co., 1950.
- Money management: your shopping dollar. 32 p. Household Finance Co., 1950.

IRRIGATION

- Effectiveness of gravity drains and experimental pumping for drainage, Delta Area, Utah. 64 p. (Utah Agr. Expt. Sta. Bul. No. 345) 100 Utl(b) No. 345
- Estimated irrigation water requirements for Idaho. 23 p. 1952. (Idaho Agr. Expt. Sta. Bul. No. 291) 100 Id1(b) No. 291
- Irrigation pumps: their selection and use. 52 p. 1952. (Calif. Agr. Expt. Sta. Cir. No. 415) 100 C12S(c) No. 415

LAWNS

Home lawns. 45 p. 1952. (Oreg. Agr. Expt. Sta. Bul. No. 516) 100 Or3(b) No.516

LIVESTOCK

Beef handling and feeding equipment. 33 p. 1952. (Calif. Agr. Expt. Sta. Cir. No. 414) 100 C12S(c) No. 414

Better feeding of livestock. 61 p. 1952. (USDA Farmers' bul. No. 2052) 1 Ag84F No. 2052

Combination lamb brooder and ewe feeder. 3 p. 1952. (Oreg. Cir. of Information No. 515) 100 Or3C No. 515

Corn, barley, and bonemeal for fattening cattle rations in the Snake River Valley, Oreg. 12 p. 1952. (Oreg. agr. Expt. Sta. Bul. No. 528) 100 Or3(b) No. 528

Diseases of swine. 30 p. 1952. (USDA Farmers' Bul. No. 1914 rev.) 1 Ag84F No. 1914

Economic considerations in use of urea for feeding beef and dairy cattle. 14 p. 1952. (BAE-FM 98) 1.941 L6F22 No. 98

Feeding qualities for livestock of distiller's corn byproducts from fungal amylase converted mashcs, compared with those from malt amylase-converted mashcs. 31 p. 1952. 1952. (USDA Tech. Bul. No. 1053) 1 Ag84Tc No. 1053

Some factors affecting rate and economy of gains in beef cattle. 23 p. 1952. (Oreg. Agr. Expt. Sta. Tech. Bul. No. 26) 100 Or3S No. 26

Swine production in Oregon. 71 p. 1952. (Oreg. Agr. Expt. Sta. Bul. No. 523) 100 Or3(b) No. 523

System of wintering, pasturing and finishing beef calves for Idaho. 12 p. 1952. (Idaho Agr. Expt. Sta. Bul. No. 292) 100 Id1(b) No. 292

SUGAR-BEETS

Economic factors affecting the sugar beet industry. 24 p. 1952. (Calif. Agr. Expt. Sta. Cir. No. 413) 100 C12S(c) No. 413

Economics of sugar-beet mechanization in California. 48 p. 1952. (USDA Cir. No. 907) 1 Ag84C No. 907

Sugar beet culture in the northern Great Plains area. 53 p. 1951. (USDA Farmers' Bul. No. 2029) 1 Ag84F No. 2029

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